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|--|---|---------------------------|-------------|----|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | Attorney Docket No.   | 129274-1/YOD<br>GERD:0084 | Total Pages | 58 |
|  | First Named Inventor or Application Identifier<br>Farshad Ghasripor |                           |             |    |
|  |   |                           |             |    |
|  | Express Mail Label No.  | EV 365 157 646 US         |             |    |

| APPLICATION ELEMENTS<br>See MPEP chapter 600 concerning utility patent application contents.  |   | ADDRESS TO: Commissioner for Patents<br>Mail Stop Patent Application, P.O. Box 1450<br>Alexandria, VA 22313-1450  |  |
|---|---|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form<br>(Submit an original, and a duplicate for fee processing)   | 6. <input type="checkbox"/> Microfiche Computer Program (Appendix)  |   |  |
| 2. <input checked="" type="checkbox"/> Specification Total Pages <u>19</u><br>(preferred arrangement set forth below)<br>-Descriptive<br>-Cross References to Related Application<br>-Statement Regarding Fed sponsored R & D<br>-Reference to Microfiche Appendix<br>-Background of the Invention<br>-Brief Summary of the Invention<br>-Brief Description of the Drawings (if filed)<br>-Detailed Description<br>-Claim(s)<br>-Abstract of the Disclosure | 7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)<br><br>a. <input type="checkbox"/> Computer Readable Copy<br>b. <input type="checkbox"/> Paper Copy (identical to computer copy)<br>c. <input type="checkbox"/> Statement verifying identity of above copies |   |  |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) Total Sheets <u>7</u><br>Total Pages <u>21</u>   |   |   |  |
| 4. Oath or Declaration<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37CFR 1.63(d))<br>(for continuation/divisional with Box 17 completed)<br>[Note Box 5 below]<br>i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br>Signed statement attached deleting<br>inventor(s) named in the prior application,<br>see 37 CFR 1.63(d)(2) and 1.33(b).              |   |   |  |
| 5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)<br>The entire disclosure of the prior application, from which a<br>copy of the oath or declaration is supplied under Box 4b,<br>is considered as being part of the disclosure of the<br>accompanying application and is hereby incorporated by<br>reference therein.  |   |   |  |
|   |   | <b>ACCOMPANYING APPLICATION PARTS</b>   |  |
|   |   | 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))  |  |
|   |   | 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney<br>(where there is an assignee)              |  |
|   |   | 10. <input type="checkbox"/> English Translation Document (if applicable)   |  |
|   |   | 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations     |  |
|   |   | 12. <input type="checkbox"/> Preliminary Amendment  |  |
|   |   | 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)  |  |
|   |   | 14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application<br>Statement(s) Status still proper and desired |  |
|   |   | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)   |  |
|   |   | 16. <input type="checkbox"/> Other  |  |
| 17. <input type="checkbox"/> Continuation. <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____ / _____   |   |   |  |

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|                         |  |                          |                          |
|-------------------------|--|--------------------------|--------------------------|
| <b>FEE TRANSMITTAL</b>  |  | <b>Complete if Known</b> |                          |
|                         |  | Application Number       | unassigned               |
|                         |  | Filing Date              | herewith                 |
|                         |  | First Named Inventor     | Farshad Ghasriipoor      |
|                         |  | Group Art Unit           | unknown                  |
| TOTAL AMOUNT OF PAYMENT |  | (\$)                     | 1,328.00                 |
|                         |  | Attorney Docket Number   | 129274-1/YOD (GERD:0084) |

| <b>METHOD OF PAYMENT (check one)</b>  |                 | <b>FEE CALCULATION (continued)</b>   |                 |  |                           |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
|---|-----------------|--|-----------------|--|---------------------------|-----------------|-----------------|-----------------|----------|------|-----|------------------------|---------------|-------------------------------------|-----|------|-----|-----------------------------------|----|---|-----|------|-----|--------------------------|-----|---------------------------|-----|------|-------|---|-------|--|-----|------|-----|---|-----|--|---|-----|-------|-----|---------------------------|---|---|-----|-----|-----|----|---|---|-----|-----|-----|-----|--|---|-----|-----|-----|-----|---|---|-----|-------|-----|-----|--|---|-----|-----|-----|-----|------------------|---|-----|-----|-----|-----|--|---|-----|-----|-----|-----|--------------------------|---|-----|-------|-----|-------|---|---|-----|-----|-----|----|--|---|-----|-------|-----|-----|--|---|-----|-------|-----|-----|--------------------------------|---|-----|-----|-----|-----|------------------|---|-----|-----|-----|-----|-----------------|---|-----|-----|-----|-----|-------------------------------|---|-----|----|-----|----|---|---|-----|-----|-----|-----|---|---|-----|----|-----|----|--|--------------|-----|-----|-----|-----|---|---|-----|-----|-----|-----|--|---|-----------------------|--|--|--|--|---|-----------------------|--|--|--|--|---|---------------------|--|--|--|--|--------------------------|
| 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:<br>Deposit Account Number <u>07-0868/129274-1/YOD (GERD:0084)</u><br>Deposit Account Name <u>General Electric Global Research Center</u><br><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)   |                 | <b>3. ADDITIONAL FEES</b><br><table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>—</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing or cover sheet.</td><td>—</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>—</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td>—</td></tr> <tr><td>112</td><td>920</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td>—</td></tr> <tr><td>113</td><td>1,840</td><td>113</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td>—</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td>—</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td>—</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for response within third month</td><td>—</td></tr> <tr><td>118</td><td>1,570</td><td>218</td><td>755</td><td>Extension for response within fourth month</td><td>—</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td>—</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td>—</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td>—</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>—</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td>—</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive unintentionally abandoned application</td><td>—</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td>—</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td>—</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td>—</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>—</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td>—</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td>—</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><u>40.00</u></td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>—</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>—</td></tr> <tr><td colspan="5">Other fee (specify) —</td><td>—</td></tr> <tr><td colspan="5">Other fee (specify) —</td><td>—</td></tr> <tr><td colspan="5"><b>SUBTOTAL (3)</b></td><td><b>(\$)</b> <u>40.00</u></td></tr> </tbody> </table> |                 | Large Fee Code   | Entity Fee (\$)           | Small Fee Code  | Entity Fee (\$) | Fee Description | Fee Paid | 105  | 130 | 205                    | 65            | Surcharge - late filing fee or oath | —   | 127  | 50  | 227                               | 25 | Surcharge - late provisional filing or cover sheet. | —   | 139  | 130 | 139                      | 130 | Non-English specification | —   | 147  | 2,520 | 147   | 2,520 | For filing a request for reexamination | —   | 112  | 920 | 112   | 920 | Requesting publication of SIR prior to Examiner action | — | 113 | 1,840 | 113 | 1,840                     | Requesting publication of SIR after Examiner action | — | 115 | 110 | 215 | 55 | Extension for response within first month | — | 116 | 400 | 216 | 200 | Extension for response within second month | — | 117 | 950 | 217 | 475 | Extension for response within third month | — | 118 | 1,570 | 218 | 755 | Extension for response within fourth month | — | 119 | 310 | 219 | 155 | Notice of Appeal | — | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | — | 121 | 270 | 221 | 135 | Request for oral hearing | — | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | — | 140 | 110 | 240 | 55 | Petition to revive unavoidably abandoned application | — | 141 | 1,320 | 241 | 660 | Petition to revive unintentionally abandoned application | — | 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | — | 143 | 450 | 243 | 225 | Design issue fee | — | 144 | 670 | 244 | 335 | Plant issue fee | — | 122 | 130 | 122 | 130 | Petitions to the Commissioner | — | 123 | 50 | 123 | 50 | Petitions related to provisional applications | — | 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt | — | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | <u>40.00</u> | 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | — | 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | — | Other fee (specify) — |  |  |  |  | — | Other fee (specify) — |  |  |  |  | — | <b>SUBTOTAL (3)</b> |  |  |  |  | <b>(\$)</b> <u>40.00</u> |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description  | Fee Paid                  |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 105   | 130             | 205  | 65              | Surcharge - late filing fee or oath  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 127   | 50              | 227  | 25              | Surcharge - late provisional filing or cover sheet.                        | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 139   | 130             | 139  | 130             | Non-English specification  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 147   | 2,520           | 147  | 2,520           | For filing a request for reexamination                                     | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 112   | 920             | 112  | 920             | Requesting publication of SIR prior to Examiner action                     | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 113   | 1,840           | 113  | 1,840           | Requesting publication of SIR after Examiner action                        | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 115   | 110             | 215  | 55              | Extension for response within first month                                  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 116   | 400             | 216  | 200             | Extension for response within second month                                 | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 117   | 950             | 217  | 475             | Extension for response within third month                                  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 118   | 1,570           | 218  | 755             | Extension for response within fourth month                                 | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 119   | 310             | 219  | 155             | Notice of Appeal   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 120   | 310             | 220  | 155             | Filing a brief in support of an appeal                                     | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 121   | 270             | 221  | 135             | Request for oral hearing   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 138   | 1,510           | 138  | 1,510           | Petition to institute a public use proceeding                              | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 140   | 110             | 240  | 55              | Petition to revive unavoidably abandoned application                       | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 141   | 1,320           | 241  | 660             | Petition to revive unintentionally abandoned application                   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 142   | 1,320           | 242  | 660             | Utility issue fee (or reissue)   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 143   | 450             | 243  | 225             | Design issue fee   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 144   | 670             | 244  | 335             | Plant issue fee  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 122   | 130             | 122  | 130             | Petitions to the Commissioner  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 123   | 50              | 123  | 50              | Petitions related to provisional applications                              | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 126   | 240             | 126  | 240             | Submission of Information Disclosure Stmt                                  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 581   | 40              | 581  | 40              | Recording each patent assignment per property (times number of properties) | <u>40.00</u>              |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 146   | 790             | 246  | 395             | Filing a submission after final rejection (37 CFR 1.129(a))                | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 149   | 790             | 249  | 395             | For each additional invention to be examined (37 CFR 1.129(b))             | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| Other fee (specify) —   |                 |  |                 |  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| Other fee (specify) —   |                 |  |                 |  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| <b>SUBTOTAL (3)</b>   |                 |  |                 |  | <b>(\$)</b> <u>40.00</u>  |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 2. <input type="checkbox"/> Payment Enclosed:<br><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other   |                 | * Reduced by Basic Filing Fee Paid   |                 |  |                           |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| <b>FEE CALCULATION (fees effective 10/01/96)</b>  |                 |  |                 |  |                           |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| <b>1. FILING FEE</b><br><table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td><u>770.00</u></td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td>—</td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td>—</td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td>—</td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>—</td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$)</b> <u>770.00</u></td></tr> </tbody> </table>  |                 | Large Fee Code   | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$)           | Fee Description | Fee Paid        | 1001            | 750      | 2001 | 375 | Utility filing fee     | <u>770.00</u> | 1002                                | 330 | 2002 | 165 | Design filing fee                 | —  | 1003  | 520 | 2003 | 260 | Plant filing fee         | —   | 1004                      | 750 | 2004 | 375   | Reissue filing fee                              | —     | 1005                                   | 160 | 2005 | 80  | Provisional filing fee                                  | —   | <b>SUBTOTAL (1)</b>                                    |   |     |       |     | <b>(\$)</b> <u>770.00</u> |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description  | Fee Paid                  |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1001  | 750             | 2001   | 375             | Utility filing fee   | <u>770.00</u>             |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1002  | 330             | 2002   | 165             | Design filing fee  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1003  | 520             | 2003   | 260             | Plant filing fee   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1004  | 750             | 2004   | 375             | Reissue filing fee   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1005  | 160             | 2005   | 80              | Provisional filing fee   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| <b>SUBTOTAL (1)</b>   |                 |  |                 |  | <b>(\$)</b> <u>770.00</u> |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| <b>2. CLAIMS</b><br><table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td>—</td></tr> <tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td><td>—</td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple dependent claim</td><td>—</td></tr> <tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>Reissue independent claims over original patent</td><td>—</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td>—</td></tr> <tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>(\$)</b> <u>518.00</u></td></tr> </tbody> </table> |                 | Large Fee Code   | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$)           | Fee Description | Fee Paid        | 1202            | 18       | 2202 | 9   | Claims in excess of 20 | —             | 1201                                | 84  | 2201 | 42  | Independent claims in excess of 3 | —  | 1203  | 280 | 2203 | 140 | Multiple dependent claim | —   | 1204                      | 84  | 2204 | 42    | Reissue independent claims over original patent | —     | 1205                                   | 18  | 2205 | 9   | Reissue claims in excess of 20 and over original patent | —   | <b>SUBTOTAL (2)</b>                                    |   |     |       |     | <b>(\$)</b> <u>518.00</u> |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description  | Fee Paid                  |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1202  | 18              | 2202   | 9               | Claims in excess of 20   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1201  | 84              | 2201   | 42              | Independent claims in excess of 3  | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1203  | 280             | 2203   | 140             | Multiple dependent claim   | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1204  | 84              | 2204   | 42              | Reissue independent claims over original patent                            | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| 1205  | 18              | 2205   | 9               | Reissue claims in excess of 20 and over original patent                    | —                         |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |
| <b>SUBTOTAL (2)</b>   |                 |  |                 |  | <b>(\$)</b> <u>518.00</u> |                 |                 |                 |          |      |     |                        |               |                                     |     |      |     |                                   |    |   |     |      |     |                          |     |                           |     |      |       |   |       |  |     |      |     |   |     |  |   |     |       |     |                           |   |   |     |     |     |    |   |   |     |     |     |     |  |   |     |     |     |     |   |   |     |       |     |     |  |   |     |     |     |     |                  |   |     |     |     |     |  |   |     |     |     |     |                          |   |     |       |     |       |   |   |     |     |     |    |  |   |     |       |     |     |  |   |     |       |     |     |                                |   |     |     |     |     |                  |   |     |     |     |     |                 |   |     |     |     |     |                               |   |     |    |     |    |   |   |     |     |     |     |   |   |     |    |     |    |  |              |     |     |     |     |   |   |     |     |     |     |  |   |                       |  |  |  |  |   |                       |  |  |  |  |   |                     |  |  |  |  |                          |

|                       |   |                                 |                |                       |                                  |
|-----------------------|---|---------------------------------|----------------|-----------------------|----------------------------------|
| <b>SUBMITTED BY</b>   |   | <b>Complete (if applicable)</b> |                |                       |                                  |
| Typed or Printed Name | Patrick S. Yoder  | Reg. Number                     | 37,479         |                       |                                  |
| Signature             |  | Date                            | March 30, 2004 | Deposit Acct. User ID | 07-0868/129274-1/YOD (GERD:0084) |